

[First Reprint]

ASSEMBLY, No. 2718

STATE OF NEW JERSEY

218th LEGISLATURE

INTRODUCED FEBRUARY 1, 2018

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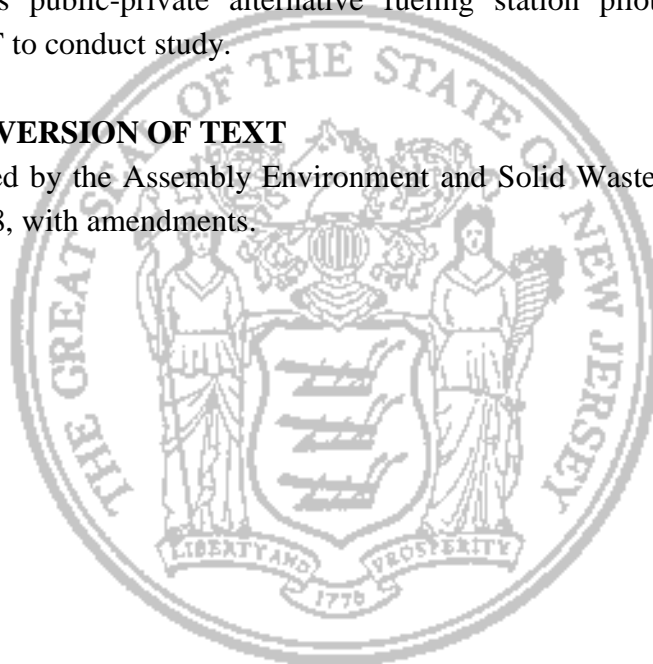
Assemblymen Conaway and Verrelli

SYNOPSIS

Establishes public-private alternative fueling station pilot program and requires DOT to conduct study.

CURRENT VERSION OF TEXT

As reported by the Assembly Environment and Solid Waste Committee on May 10, 2018, with amendments.



(Sponsorship Updated As Of: 10/30/2018)

1 AN ACT concerning alternative fueling stations and supplementing
2 Title 27 of the Revised Statutes.

3
4 **BE IT ENACTED** *by the Senate and General Assembly of the State*
5 *of New Jersey:*

6
7 1. a. The Department of Transportation, in consultation with
8 the Department of Environmental Protection, the New Jersey
9 Turnpike Authority, and the South Jersey Transportation Authority,
10 shall promulgate guidelines for the creation of an alternative fueling
11 station pilot program, for use by government-owned or privately-
12 owned vehicles.

13 The Department of Transportation shall work with electric and
14 gas public utilities and private fuel station vendors to offer
15 alternative fuels at public, private, and government-owned or
16 operated fueling stations, and may enter into an agreement with one
17 or more private entities or public utilities. The pilot program shall
18 include at least one alternative fueling station located in each of the
19 northern, central ^{1,1} and southern regions of the State, and at least
20 one alternative fueling station shall be a charging station.

21 b. The Department of Transportation, in consultation with the
22 Department of Environmental Protection, the New Jersey Turnpike
23 Authority, and the South Jersey Transportation Authority, shall,
24 within one year after the date of enactment of this act, conduct a
25 study and prepare and submit to the Legislature a written report,
26 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1), which shall
27 analyze the pilot program and shall make recommendations
28 concerning: (1) continuation of any State partnership with a private
29 entity or public utility, (2) increased access to, or increasing the
30 number of, alternative fueling stations and charging stations in the
31 State, and (3) identification of highway rest stops in the State where
32 alternative fueling stations, including charging stations, may be
33 installed.

34 The report shall also include a proposal and plan for the State to
35 install at least one charging station in each of the northern, central,
36 and southern regions of the State. The Department of
37 Transportation may consult with any private entities or public
38 utilities that are interested in installing a charging station or have
39 already installed such a system.

40 c. Upon completion of the report required pursuant to
41 subsection b. of this section, the Department of Transportation, or
42 other appropriate executive department or independent authority,
43 shall apply for any available federal grants or other funds for the
44 purposes of establishing alternative fueling stations. Upon receipt
45 of any federal grants or other funds, or any State funds made

EXPLANATION – Matter enclosed in bold-faced brackets **[thus]** in the above bill is
not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹Assembly AEN committee amendments adopted May 10, 2018.

1 available for the purpose, the Department of Transportation shall
2 install a charging station in each of the three regions of the State,
3 pursuant to the plan established in the report.

4 d. As used in this section:

5 “Alternative fuel” means a fuel that is substantially not
6 petroleum and would yield substantial energy security benefits and
7 substantial environmental benefits, as designated by section 301 of
8 the federal “Energy Policy Act of 1992,” Pub.L.102-486 (42 U.S.C.
9 s.13211) or by the United States Secretary of Energy. “Alternative
10 fuel” includes: ethanol, methanol, and other alcohols; blends of
11 85% or more of alcohol with gasoline, such as E85; natural gas and
12 liquid fuels domestically produced from natural gas, including
13 compressed natural gas and liquefied natural gas; liquefied
14 petroleum gas; coal-derived liquid fuels; hydrogen; electricity;
15 biodiesel; fuels, other than alcohol, derived from biological
16 materials; and other emerging fuels, such as P-Series.

17 “Alternative fueling station” means a public or private vehicle
18 fueling station that provides access to an alternative fuel, including
19 a charging station.

20 “Charging station” means a public or private vehicle fueling
21 station complete with electric vehicle supply equipment that is
22 capable of providing level 2 charging or level 3 charging for plug-in
23 electric vehicles.

24 “Level 2 charging” means an onboard charging system providing
25 a 240 volt alternate current electricity to a plug-in electric vehicle in
26 a single phase with a maximum current specified at 32 continuous
27 amps with a branch circuit breaker rated at 40 amps and a maximum
28 continuous input power specified at 7.68 kilowatts.

29 “Level 3 charging” means ¹an offboard charging system
30 providing a 480 volt alternate current to a plug-in electric vehicle in
31 a three-phase circuit providing direct current electricity to an
32 onboard charger of a plug-in electric motor vehicle with an
33 available power output greater than 20 kilowatts¹.

34 “Plug-in electric vehicle” means an on-road motor vehicle that
35 uses a battery to store the electrical energy to power the vehicle’s
36 motor and is charged or recharged from an external source of
37 electricity by plugging the vehicle into an electric power source,
38 such as an electric vehicle charging station.

39
40 2. This act shall take effect immediately.